

### **Abstract**

The invention relates to a remote control flying machine, in particular a remote control ultralight  
5 helicopter, with at least one rotor blade (104), the pitch ( $\alpha$ ) of which may be adjusted. According to the invention, the adjustment of the pitch ( $\alpha$ ) of the at least one rotor blade is achieved by means of a force, in particular a torsion force directly applied to the  
10 rotation axis of the rotor blade. Said force is generated by a magnetic field, variable by the electrical control of at least one coil (196) which is not part of an electric motor.